

ABSTRACT

The invention relates to a gypsum dryer/calciner (1) comprising a calcining space (2), a first pipe (4) exhibiting an inlet connected to a source of hot gases (3) and an outlet emerging in the calcining space (2); a second pipe (5) exhibiting an inlet connected to a source of gypsum (8) and an outlet emerging in the calcining space, the second pipe being concentric with the first pipe; a force-feeding screw (6) positioned at least partially in the second pipe, the said screw carrying the gypsum along in the calcining space.

10 The invention also relates to a process for calcining gypsum and to the plaster capable of being obtained by this process.

15 Figure 1